

# PLACER COUNTY AIR POLLUTION CONTROL DISTRICT

## ADDITIONAL TECHNICAL INFORMATION ENGINE(S)

For operations of engines, please submit the following information with your application for Authority to Construct or Permit to Operate.

1. Company Name: \_\_\_\_\_
2. Operating Schedule :
  - a. Maximum Hours of Operation per day: \_\_\_\_\_
  - b. Maximum Days of Operation per quarter: \_\_\_\_\_
3. Equipment Location Drawing:

The drawing or sketch submitted, on separate paper, must show at least the following:

- a. The property involved and outlines of all buildings on it. Identify property lines plainly.
  - b. Location and identification of the internal combustion engine on the property.
  - c. Location of stack.
  - d. Location of the property with respect to streets and all adjacent properties. Identify adjacent properties.
4. Engine Description:
    - a. New Engine: ☐ Yes ☐ No  
If not new, date of manufacture: \_\_\_\_\_
    - b. Engine Manufacturer: \_\_\_\_\_
    - c. Model Number: \_\_\_\_\_
    - d. Serial Number (if available): \_\_\_\_\_
    - e. Power Rating : \_\_\_\_\_ Max BHP
    - f. Total Displacement: \_\_\_\_\_ ☐ Cubic Inches or ☐ Liters
    - g. Timing Retarded: ☐ Yes by \_\_\_\_ Degrees ☐ No
    - h. Turbocharger: ☐ Yes ☐ No
    - i. Aftercooled: ☐ Yes ☐ No

5. Fuel Type:  
☐ Diesel    ☐ Gasoline    ☐ Propane    ☐ Other Specify \_\_\_\_\_

6. Maximum Hourly Fuel Usage Rate: \_\_\_\_\_ Gallons/Hour

7. Engine Data:  
a. Exhaust Volume \_\_\_\_\_ acfm  
b. Exhaust Temperature \_\_\_\_\_ degrees Fahrenheit  
c. Exhaust Pressure \_\_\_\_\_ in Hg

8. Exhaust Emissions (Attach manufacturers emissions data sheet):

<u>Value</u>	<u>Units (g/bhp-hr, lb/hr, or ppmv)</u>
_____ VOC	_____
_____ CO	_____
_____ NO <sub>x</sub>	_____
_____ SO <sub>x</sub>	_____
_____ TSP	_____
_____ PM <sub>10</sub>	_____

9. Equipment Driven By This Engine:

☐ Emergency Electrical Generator    Kilowatt Rating \_\_\_\_\_

*(An emergency generator is one used only during an involuntary interruption of power from the electric utility.)*

☐ Standby Electrical Generator    Kilowatt Rating \_\_\_\_\_

*(A standby generator is one which may be operated during involuntary interruptions of power from the electric utility and other situations such as routine maintenance at the facility.)*

☐ Emergency Water Pumping for Flood Control

☐ Emergency Water Pumping for Fire Fighting

☐ Compressor

☐ Chipper

☐ Pump

☐ Other \_\_\_\_\_

a. Equipment Driven Manufacturer: \_\_\_\_\_

b. Equipment Driven Model Number: \_\_\_\_\_

10. Emissions Control Equipment Description:

\_\_\_\_\_